Index to Volume 43

Abbott, A., 154, 261, 262, 263
Abernethy, W. J., 646
Academic Information Services (AIS), 645-662
Academic library directors, tenure for, 47-61
ADONIS 519, 535
Aguilar, F. J., 161, 170, 171, 207, 211, 222, 243, 254
Akers, John, 38
Alberty, M. C., 654
Albrecht, K., 333, 339
Albrecht, Sterling, 22
Alexander, G. D., 660
Alexandria Project, 81-82
Allen, Bryce, 516
Allen, T. J., 173, 208, 211, 222, 716, 717
Allen, Woody, 609-610, 613
Allport, G. W., 41
Alster, N., 501
Altbach, P. G., 736
America Online (commerical network), 621
American Accounting Association, 260
American Association for the Advancement of Science (AAAS), 521, 573
American Association of University Professors, 698
American Chemical Society, 596
American Council of Learned Societies, 576
American Institute of Certified Public Accountants, 260
American Institute of Physics, 632
American Library Association (ALA), 17, 131
American Psychological Association, 716
Amherst H. Wilder Foundation, 480
Amiran, Eyal, 521, 574, 581, 582, 585, 597
Amyot, Renee, 343
Anderson, C. M., 520
Anderson, G., 571, 573, 578
Andreasen, A., 322, 323
Andreasen, A. R., 297, 322, 323, 463, 464, 465, 472, 480
Anglo-American Cataloguing Rules (AACR2), 636-637
Ann Arbor Software, 623
Annie Hall (film), 609-610
Applied Physics Letters Online, 632
Argyris, C., 174
Ariadne, 535
Arms, C., 241, 651
Arms, W. Y., 573
Armstrong, G., 322
Arnold, Kenneth, 516, 520, 523, 648
ASCII text files, 533-534, 537-538, 626; advantages of, 533; disadvantages of, 533
Ashton, Rick, 21
Association of American Publishers, 710
Association of American Universities (AAU), 689, 692-698
Association of Research Libraries (ARL), 17, 48, 49, 521, 689, 692-698, 741; Office of Management Services Consultant Training Program, 17
Aston, Rick J., 97, 98, 99, 103
AT&T Bell Laboratories, 522
Atkinson, R., 647, 648, 658
Auret, H. E., 4
Auster, E., 152, 156, 161, 171, 207, 208, 218, 220, 243, 272, 274

Australian Library and Information *Association, 337*
Avram, H. D., 16

Bailey, C. W., 521, 523, 574, 583-584, 648
Baird, P. M., 244
Baker, S. L., 319, 387, 389, 394, 395, 397, 399
Baltimore County Public Library system, 346
Barker, J., 374, 375
Barron, D., 535
Barthes, Roland, 614
Bate, P., 257
Battin, Patricia, 714
Baughman, J., 16
Bauwens, M., 237, 249
Bebbington, L., 649, 652
Becher, T., 240
Beckerman, E., 334
Beer, S., 242
Behavioral and Brain Sciences, 587
Bell, C. H., Jr., 180
Ben-Shir, R. H., 481, 484
Bennett, D. R., 495
Bennis, W., 380
Berg, S. V., 720
Berner, A., 121, 124
Berners-Lee, T., 536, 629
Berry, J. N., III, 125
Berry, L. L., 330, 344, 495, 498, 507
Bettenhausen, K. L., 180, 181
Bevacqua, J., 5
Bezold, C., 366
Bibliographic description standards, 516, 627
Bishop, Ann Peterson, 515
Bit-mapped images, 522
Blandin, J. S., 180, 181
Blum, D. E., 260
Bolter, Jay David, 612
Bongiorno, L., 260
Bookhart, S. W., 248
Bookstein, Abraham, 587
Borman, S., 519
Boss, R. W., 651
Bottom, N. R., 277
Bourdieu, P., 240
Bourgeois, L. J., III, 174, 255
Bowen, D. E., 498, 502
Bower, C. D., 168
Bown, W., 241
Boyce, B. R., 81
Boyd, B. K., 211, 214, 221
Boykin, J. F., Jr., 660
Bradley, N., 710
Brand, Stewart, 620
Brandeis University, 455-457
Braunstein, Y. M., 720
Brawner, Lee B., 99, 101, 103
Breaks, M., 649
Brichford, M. J., 517, 704
Brimsek, T. A., 652, 653, 654
British Library, 521
British Library Reference Division, 126
Britten, W., 524-525
Broad, W. J., 598
Brooks, Bruce E., 127
Brown, C. W., 495
Brown, W. B., 180, 181
Browsers, 636
BRS, 714
Bruder, K. A., 248
Bryant, E., 647-648, 735
Bryson, J., 332, 335, 339, 342
Budd, J. M., 529
Budget programs, components of, 403-407
Bunker, T., 38
Burnard, L., 536, 638
Burns, T., 246
Bush, Vannevar, 16, 51, 611-612
Bushing, Mary C., 291
Business intelligence *see* Competitive intelligence
Byrae, J. A., 369

California and public libraries, 409-410
Cameron, K. S., 176, 182
Campbell, J., 177
Campbell, R. S., 243
Canada, publishing industry and chief executive officers, 206-225; telecommunications industry and chief executive officers, 206-225
Cannon, T., 535
Careers, nontraditional settings, 105-120
CARL, 731
CARL Uncover, 548
Carrigan, D. P., 100
Case Western Reserve University, 624
Catt, Martha E., 291
Cawkell, T., 240
CD-ROM publishing, 522, 614-616, 714, 733-734

Center for Application of Psychological Type, 653
CERN, 629
Chambers, Joan, 21
Champy, J., 66, 67, 80
Change, 43-44
Chao, S-J., 324
Charles River Associates, Inc., 721-722
Charnov, B. H., 272, 276
Chaski, C., 587
Chen, C.-C., 730, 736
Chicago Journal of Theoretical Computer Science, 567, 587
Child, J., 655
Child, M. S., 707
Childers, T. A., 321, 341, 451-452, 455
Chitwood, L., 229, 241
Choo, C. W., 152, 156, 161, 171, 207, 208, 218, 220, 243, 272, 274
Cirino, P. J., 5
Civille, R., 245
Clark, K. B., 646
Clemson University Libraries, 66
Client-server architecture, 538-539
Clinton Herbarium, Buffalo Museum of Science, 556
Cluff, Dale, 27, 28, 30
Coalition for Networked Information (*CNI*), 81
Cohen, J., 218
Cohen, M. R., 44
Cohen, P., 218
Cohn, W. L., 48
Coker, S., 344
Collaboration, 414, 648-651; managing for, 651-658
Collection development issues, 319
Collier, M. W., 520
Collins, Judith, 126
Colmer, Margaret, 343
Colorado Alliance of Research Libraries (CARL), 17
Columbia University, 624
Combs, R. E., 277
ComIndex, 549
Committee for Institutional Cooperation, 675
Communication Institute for Online Scholarship (CIOS), Rensselaer Polytechnic Institute, 564, 601-602
Communications scholars, 599-601
Competitive information systems (CIS), 226-38
Competitive intelligence, 149-284; application of, 153-154; as profession, 154-155; current issues in, 239-252; definition of, 149-153; education for, 155; education programs, 253-70; information systems for, 226-38; literature of, 271-284; subject access to literature of, 272-274
Competitive Intelligence Review, 242, 272, 276, 280
Competitive Intelligencer, 272, 280
Compier, H. C. J., 519
CompuServe (commerical network), 621
Computer centers and libraries, cooperative arrangements, 651-652; cultures of, 649-650
Computer-supported collaborative work (CSCW), 244
Comserve, 564, 577, 599-602
Connect (software program), 623
Connolly, T., 174
Conroy, B., 386, 387
Conway, H., 272, 276
Coombs, J. H., 630
Cooperative Extension System, 552, 556
Copyright, 516, 583, 679-700
Copyright Act of 1976, 682
CORE Project, 519, 522, 537
Corporation for National Research Initiatives (NRI), 362
Cottam, K. M., 3, 27
Coughlin, C. M., 4
Council on Library Resources, 689
Coy, P., 243
Cram, Laura, 291
Crompton, J. L., 297, 327, 370, 375, 480
Cronin, B., 157, 241, 243, 245, 246, 247, 248, 249, 649, 652
Cronin, M. J., 245
Cross-functional teams, 70-75
Cuddihy, E. F., 706
Culbertson, H. M., 161
Culnan, M. J., 172, 180, 181, 183, 211
Current Contents, 547, 548
Curtis, M. E., 574
Curzon, S. C., 330, 344
Cybrarian, 157
Cyert, R. M., 171, 173, 174

D'Andrade, R. G., 437
D'Elia, G., 321, 475
Daft, R. L., 171, 172, 174, 180, 181, 182, 183, 184, 207, 210, 211, 214, 221

Dallman, D., 529
Daniel, H.-D., 732
Daniel, S., 379
Dannelly, Gay, 516
Darnton, R., 291, 354-356
Databases, evaluation of, 166; exploitation of, 158, 162-168
Davenport, E., 157, 243, 244, 246, 247, 248, 249
Davidow, W. H., 504
Davis, S. M., 171
Day, D., 244
de la Peña McCook, K., 319, 320
Dearborn, D. C., 174
Dedijer, S., 242, 248
DeGenaro, B., 253, 263, 266
Deighen, R. P., 263, 266
DeLoughry, T. J., 582, 596
Delphi (commercial network), 621
Deming, W. Edwards, 394
Department of Energy, Energy Extension Service (EES), 352
Department of Natural Resources (DNR), Montana, 352
Derrida, Jacques, 610
Dervin, B., 320-321
Descriptive mark-up systems, 631
Detlefsen, E. G., 107, 113, 114
Dewhirst, H. D., 172
DIALOG, 166, 167, 714, 731
Digital libraries, 624
Digital Library System, 362
Dill, H. R., 174
Dill, W. R., 255
Dimick, Barbara, 293
Diodato, V. I., 279, 281
Directory of Electronic Journals, Newsletters and Academic Discussion Lists, 588
Dirks, L. 379
Discourse communities, 594-595
Disend, J. E., 369-370, 372-373
Ditlea, S., 360
Dixon, R. B., 43
Document segments, 563
Document Type Definition (DTD), 631
Donohue, C. N., 468, 473
Dorling Kindersley, 615
Dougherty, A. P., 88
Dougherty, R. M., 88, 652, 669
Dowlin, Kenneth E., 292
Downs, R. B., 3, 4, 10, 16, 47-61
Dragon, A. C., 464, 469
Drake, D., 6
Drake, M. A., 490
Drucker, P. F., 330, 339-340, 480, 487
Duffy, H., 504, 505
Duncan, R. B., 174, 181, 210, 255
Durfee, W. K., 260
Durrance, J. C., 457
Dutton, J. E., 160
DynaText, 617, 621

E-mail, 20
Eaton, Nancy, 24
Economics WPA World Wide Web Service, 598
Edwards, Ralph M., 97, 103
EJournal, 521, 546, 551, 552, 556, 557-559, 561-562, 564, 565
Ekman, R. H., 596, 599
Elder, N., 713-714, 731
Electronic environments, 409-417
Electronic Information Exchange System (EIES), 520-521, 576
Electronic journal software systems, 603-607
Electronic Journal of Combinatorics, 588
Electronic Journal of Communication/La Revue Électronique de Communication (EJC/REC), 521, 546, 548, 553, 554-555, 561, 563, 592, 593, 599, 601-602
Electronic Journal of Differential Equations (EJDE), 546, 548, 552, 553, 555, 559
Electronic Journals Online (OCLC), 537
Electronic preprint distribution, 598
Electronic publications and archival issues, 701-712
Electronic publications, preservation of, 704-708
Electronic publishing, advantages of, 579-581; and academic advancement, 575-576; and authors, 575-584; and copyright, 685-687; and peer reviewing/refereeing, 577-579, 586-588; definition of, 518-519; economic factors of, 517, 713-740; evolution of, 518-527; influence on libraries, 520; process of, 571-573
Electronic scholarly journals, 515-525; access to, 548-553, 557-558; advantages of, 530-531; and scholarly communities, 593-598; ASCII-based, 562, 566; assessment of, 544-569; attitudes in academia, 741-752; barriers to, 540-541; bibliographic control of, 548-549; contents of, 553-558; definition of, 520, 525; designers of, 524; disadvantages of, 531-532; formats of, 528, 532-538, 601-605; functionality of, 563-566; indexing of, 548-553; legitimatization of,

594; PostScript-based, 563; prototypes, 521, 522, 627; readability of, 547, 560-563; readers of, 544-569, 582-586; usability of, 547, 557-563
Electronic Text Center, University of Virginia Library, 520
ELINOR, Electronic Library Project, De Montfort University, Milton Keynes, 520
Ellison, Larry, 81
Elsevier, 573
Eng, S., 5
Engelsing, Rolf, 355
Engledow, J. L., 171, 257
Entlich, R., 522
Environmental scanning, 156, 159-168, 328, 349, 363-364; and chief executive officers, 206-225; case studies, 170-205; definition of, 142, 207; role of corporate librarian, 156, 161-162
Espy, S. N., 331-332, 342, 344
Etzkowitz, H., 243
Eugene Power, 611
Euster, J. R., 4-8, 16, 20, 29, 136-143
Ewing, R. P., 161
Expert systems, 362

Fahey, L., 154-155
Farh, J.-L., 182, 212, 221
Feldman, M. S., 171
Fidelman, M. R., 245
Fielding, N. G., 244
Fine, S., 322
Finger, A. L., 331
FirstSearch (OCLC), 636
Fisher, J. H., 567
Fisher, D. P., 652, 653
Flanagan, J. C., 210
Flanagin, A., 578
Flanders, B., 667
Flora Online, 546, 551, 552, 554, 556, 562, 563
Folk, H., 520, 529
Foot, M., 95
Franklin, Benjamin, 123-124
Franks, J., 714
Fraser, B., 320-321
Freidson, E., 154
French, W. L., 180
Frost, Robert, 349-350
Fryar, C. R., 496, 502, 506
Fugitive information, 227-228
Fuld, L. M., 241, 248, 254, 258, 276
Full-text journals online, 713-714, 733-734
Fuller, Buckminster, 613

Gaebler, T., 66
Galbraith, J. R., 171
Gallati, R. R. J., 277
Galloway, 38
Ganter, H.-D., 655
Garcia, J. J. E., 581
Garfield, E., 167
Garralda, John, 106
Garson, L. R., 596
Garten, E. D., 321
Garvey, W. D., 716-717
Gasaway, Laura, 516
Gates, Bill, 619
Gates, C. T., 99, 100
Gaynor, E., 536
Geertz, C., 244
Gelernter, D., 244
Gers, R., 457
Gerstberger, P. G., 173, 208, 222
Gertzog, A., 4, 36
Getz, M., 733
Gherman, P. M., 524-525, 648
Ghoshal, S., 207
Gibson, William, 621
Giesecke, J. R., 653
Gilad, B., 275, 276
Gilad, T., 150
Gilbert, N., 244
Glueck, W. F., 207
Gnat, Raymond, 27
Goldsmith, J., 496
Gophers, 545, 618
Gorchels, Linda M., 293
Gordon, I., 276
Gorman, M., 636, 664
Gould, S. J., 350
Graham, P. S., 703
Graves, D. J., 671
Gray, A. K., 123, 124
Gray literature, 541
Greater Midwest Research Libraries Consortium (GMRLC), 17
Greene, H. Frances, 152
Greensboro Public Library, Southeast Branch *see* Greensboro Public Library, Vance-Chavis Lifelong Learning Center

Greensboro Public Library, Vance-Chavis Lifelong Learning Center, 460-461
Greenway, Robert, 124
Gregory, D., 247
Gregory, K. L., 179
Griffiths, J.-M., 490, 575-576, 578, 584-585, 715, 716, 717, 718, 722, 723, 726, 728, 735
Grosser, K., 244
Grove, S. J., 502
Grover, Herbert, 431
Grumball, K., 244, 247
Grycz, C. J., 736
Guba, E. G., 244
Guédon, Jean-Claude, 597, 599

Hagen, E. E., 38
Haines, Albert, 97, 98, 101, 102, 103
Hales, C., 331
Hall, David, 355
Hall, R. H., 176
Hallett, J. J., 168
Halpern, D., 208, 212
Hambrick, D. C., 171, 173, 180, 212, 221
Hamilton, P. A., 319
Hamlin, A. T., 4
Hammer, M., 66, 67, 80
Hamon, P., 292, 401, 406
Hanson, Roger, 27
Haratwell, C., 321
Harkleroad, D., 248
Harnad, S., 245, 421, 521, 579, 580, 586, 587, 598, 624
Harris, R., 5
Harrison, Teresa M., 516, 521, 523, 600
Hart, A., 127
Hart, C. W. L., 501
Hasselbein, Frances, 368-369
Hauptman, R., 583
Hayhoe, G. G., 260
Heath, R. L., 160, 168
Hecht, C. D., 520
Hegarty, W. H., 221
Hegelian dialectics, 42
Heim, K., 5
Helsel, S. K., 519
Henderson, H., 248
Hendrickson, K., 19, 653
Henington, David, 4, 7, 21
Henkoff, R., 495, 496, 497, 500
Hernon, P., 154
Herring, J. P., 253, 261, 263, 266
Herskovits, M. J., 43
Heskett, J. L., 497, 498
Hickey, T. B., 515, 529
Hickman, C. R., 87
Hillis, W. D., 244
Hiltz, S. R., 521, 575
History of reading, 354-356
Hobrock, Brice, 21, 22
Hoffman, K. D., 498
Hoffman, M. M., 522, 535
Hoffman, R. C., 221
Hohhof, B., 153, 154, 156, 231, 254, 257, 272, 275, 276
Holland, W. E., 181
Holley, E. G., 16
Horowitz, I. L., 574
Houston Public Library, 96
Huber, G. P., 171, 172, 174, 181
Huff, A. S., 248
Hugenholtz, P. B., 532
Hughes, C., 669
Hugo, J., 521, 523
Hull, Peggy, 458-459, 461, 462
Hults, B. M., 655, 656, 657
Hurt, C. S., 587
Hypermedia, 519, 612
Hypertext, 519, 522, 612-613, 617-618
HyperText Markup Language (HTML), 536, 537, 539, 541, 627, 628, 630-633, 634, 635; forms, 634
HyperText Transport Protocol (HTTP), 539, 633
H-net, 620

ILLINET, 670
Information, analysis of, 228-229
Information Industry, 645-647
Ingram, T. N., 498
Institute for Scientific Information (ISI), 167, 240
Intelligence information, 229
Interlibrary loan, 419-420, 669-674, 676, 728-731
Intermedia system (Brown University), 622-623
International Business Machine Corporation (IBM), 38, 45
International Committee for Accessible Document Design (ICADD), 635
International Committee of Medical Journal Editors, 578
International Philosophical Preprint Exchange, 598

Internet, 409-417
Internet Engineering Task Force (IETF), 632, 639-642
Invisible colleges, 568, 580-581
ISO 8879, 631
ISO 12083, 635
Issues management *see* Environmental scanning

Jackson, S. E., 160
Jacob, M. E. L., 330
Jacobi, G., 248
Jain, S. C., 207
James, R., 334
Jauch, L. R., 207
Jennings, E. M., 521, 523
Jéquier, N., 248
Jessup, L. M., 247
Jick, T. D., 179
Johns Hopkins University Press, 567
Johnson, Diane Tobin, 290
Johnson, Edward, 21
Johnson, Samuel, 153
Jones, J. W., 184, 498
Jones, R. V., 249
Journal of Extension, 546, 548, 552, 554, 556, 560, 562, 565
Journal of Fluids Engineering, 599
Journal of Statistics Education, 598-599
Journal of the International Academy of Hospitality Research (JIAHR), 521, 546, 548, 550, 554, 555, 558, 561
Judson, H. F., 574, 578, 580, 586
Juergens, Bonnie, 4, 106
Jul, E., 588

Kahn, Paul, 622
Kanter, R. M., 339
Kanuk, L. L., 333
Kaplan, J., 574
Karr, R. D., 5
Katz, W. A., 319
Katzer, J., 171
Kazanjian, R. K., 171
Keaton, Diane, 609
Keegan, W. J., 161, 184, 207, 211
Kefalas, A., 171, 180
Keisler, S., 244
Kellar, L., 597
Kelly, M., 253, 261
Kelsey, R. R., 504
Kennedy, P., 450-452, 455
Kent, A., 731, 736
Kent, Susan Goldberg, 96, 97, 98, 100, 101-102, 103, 244
Kerlinger, F. N., 180
Keys, Ronald L., 3, 7
Kiechel, W., III, 81-82
Kies, C., 475
Kieser, A., 655
Kiesow, J., 444
Kight, L., 242
Kilgour, F. G., 36
Kim, S. K., 207
Kimberly, J. R., 177
King, D. W., 490, 584, 585, 715, 716, 717, 718, 722, 723, 726, 728, 735
King, T. B., 581
Kipling, R., 241
Kleimenhagen, A., 500
Klein, H. E., 207
Klopp, H., 38
Knowbots, 362
Knowles, P. A., 502
Knuth, D. E., 537
Kobrin, S. J., 207
Kok, J., 5-6
Kokubo, A., 261
Kotler, P., 296, 297, 301, 307, 311, 316-317, 322, 323, 324, 387, 390, 391, 392-393, 394, 399, 401, 404, 405, 454, 455, 463, 464, 465, 472, 480
Kovacs, D., 596
Kozlowski, S. W. J., 656, 657
Kramer, F., 37, 38
Krieg-Sigman, Kelly, 292
Krueger, M. W., 519
Kupfer, A., 244
Kurland, M. A., 276

Lacy, D., 531
Lagerstam, C., 242
Lamb, C. W., Jr., 297, 327, 370, 375, 480
Lancaster, F. W., 152, 162, 164, 520, 528
Landow, George P., 612-614, 619, 622, 623, 625
Lanham, R. A., 624-625
Lawrence, P. R., 174
Leach, D., 653, 654
Leaders, characteristics of, 82-85; recruiting of, 91-94; roles of, 85-88
Leadership strategies, 89-91
Learned, W. S., 241
LeBoeuf, M., 333, 337, 338
Leckie, R., 442

Lederberg, J., 579, 586
Lee, J.-L., 162, 164
Lee, R. M., 244
Lee, S. A., 16
Leisner, T., 464, 469
Lenz, R. T., 171, 257
Lenzini, R. T., 4, 106, 113-114
Leonard, J., 155
Leslie, J., 731
Lester, R., 207
Levitt, T. N., 375, 376, 496
Lewis, P. H., 241
Lexis/Nexis, 714
Libraries and future trends, study of, 349-346; effects of publishing costs on, 79-80; internal environments, 6-7; missions of, 305, 331, 475-476; one-person, 121-34; organizational objectives, 320-324; post-hierarchical, 62-94; products of, 307-314, 384-399; re-engineering of, 63-82; use of technology, 80-81
Library and Information Science Abstracts (LISA), 162
Library Company of Philadelphia, 123
Library directors, acting, 136-143; and fund-raising, 21; and library collections, 9; as faculty, 8-9; career ladders of, 7; characteristics of, 8; credentials of, 8; disadvantages of, 10; external environments of, 19, 21-23, 27-29; large libraries, 15-32; literature review, 4-6; mentoring of, 9; public, effectiveness of, 95-104; responsibilities of, 7; roles of, 3-143; status of, 7; survey of, 17-32
Library education programs, 7, 36
Library management courses, 7, 35-45
Library of Congress, 409
Library resource sharing, 516
Library services and products, costs of, 401-408; planning of, 367-399; promotion of, 418-30
Licklider, J. C. R., 364
Lincoln, Y. S., 244
Linneman, R. E., 207
Linnemeyer, Annie, 22
Loescher, J., 152
Lorimar, R., 593
Lorsch, J. W., 171, 172, 174
Loughborough University, 521
Lowry, H. M., 650
Lubans, J., 576
Lucker, J. K., 651
Lufkin, J. M., 718
Lynch, C. A., 531, 537, 738
Lynch, C. K., 467, 468

Maag, A. F., 4-5
Macaulay, David, 615
MacKenzie, Jeanne, 343
MacNeal Hospital (Berwyn, IL), Health Science Resource Center, 481
Maglitta, J., 264
Magnet, M., 501
Maher, William, 517
Majaro, S., 386-387, 392
Malraux, André, 616
Malthus, Robert, 450-452, 455
Manoff, M., 531
Manz, C. C., 88
MARC records, 636-637
MARC standards, 628
March, J. G., 171, 173, 174, 222
Marketing of library and information services, 289-509; auditing of, 301-305, 326-346, 474, 483-484; case studies of, 450-462; customer orientation, 295-316, 318-324, 463-465; demographic information for, 333-335; evaluation of, 293-294, 315-316, 488-491; planning of, 297-316, 479-483; special libraries, 478-493; trends, 494-509; youth services, 463-77
Marketing theory, 385-386, 398
Marshall, J. G., 490
Martin, Claude, 599
Martin, D., 87
Martin, J., 175, 254, 257, 262, 264
Martin, M. J., 336
Mason, Marilyn Gell, 103
Massey-Burzio, Virginia, 455-457, 462
Matarazzo, J., 490
Mathey, C. J., 276
Mayer, Tom, 24, 29
McAnally, A. M., 3, 4, 10, 16, 47-61
McClure, C. R., 172, 174, 321, 330, 341, 385
McCombs, G. B., 260
McDonald, D. D., 572
McGabe, G. B., 125
McGonagle, J. J., Jr., 150, 151-152, 256, 258, 276
McGrath, M. J., 504
McGrath, M. R., 177, 182
McGuire, W. J., 42

McInerney, C., 328
McIntyre, B., 331
McLeod, R., Jr., 184
McLuhan, Marshall, 609-614, 619-620, 625
McNeal, J. U., 466-467
Means, R. L., 174
Mech, T. F., 5, 16
Meeker, H., 364
Melvyl catalog, 670
Memex, 611
Meng, M., 160
Mental Workload, 576
Merton, R. K., 246
Meta-catalogs, 415
Metz, P., 16, 525, 648
Meyer, H. E., 276
Meyer, R. W., 660
Microsoft Windows, 540
Migneault, Robert, 29, 31
Miles, R. E., 174
Millar, V. E., 572
Miller, E. H., 718
Miller, J. P., 150, 155, 156, 157-158
Miller, R. C., 672, 673
Minnesota Libraries, 364
Mintzberg, H., 208, 213, 218, 223
MIT Distributed Library Initiative, 651
MIT Press, 566
Mitchell, T. W., 702
MLA Bibliography, 549
Molinaro, M., 613
Moorhead, J. D., 277
Moran, N., 247
Morgan, G. 179
Morris, W., 535
Morrison, J. L., 363
Mosaic, 539, 540, 545, 567, 618, 621, 628, 629
Moskowitz, M. A., 5, 16
Motin, S., 583
Muchinsky, P. M., 172
Mueller, S., 671
Mullins, N., 716
Multimedia culture, 610-611
Mutchler, P. K., 6
Myers, G., 240
Myers-Briggs Type Indicator (MBTI), 653, 654
Mylonas, E., 519
Myst (computer game), 614-615

Nagel, E., 44
Naidu, G. M., 500
Nakagawa, J., 242
Nanus, B., 380
National Center for Supercomputing Applications (NCSA), 629
National Information Infrastructure (NII), 63
National Research Education Network (NREN), 63
National Science Foundation, 575
Needs analysis, 328
Nelson, R. A., 160, 168
Nelson, Theodor, 360, 612-613, 625
Nevins, Catherine F., 106
New Americans Program, Queens Borough Public Library, 324
New Horizons in Adult Education, 521
Newell, L., 521, 523
Newsome, J., 328, 364
Nicholas, C. K., 536
Nichols, John V., 291
Nicholson, F., 337, 341
Nilan, M. S., 208, 212
Nishi, K., 207
NISO 12083, 536
NISO Z39.50, 538
Noll, R., 720
North Carolina State University, 555
Norton, W. W., 623

O'Connell, J. J., 207
O'Connor, E. J., 655
O'Donnell, Mike J., 587
O'Reilly, C. A., III., 172, 174, 211, 212
OCLC Inc., 521, 537, 567, 573, 731
OCLC Office of Research, 632
OCLC Online Union Catalog, 547, 548
OCLC's Electronic Journals Online, 630, 632, 636
Office Document Architecture (ODA), 536-537
Ohio State University Libraries East Asian Libraries Cooperative World Wide Web Text Server project, 673
OhioLINK, 670
Ojala, M., 319
Okerson, A, 521, 525, 573, 574, 586, 598, 647, 714
Oldenburg, Henry, 607
Olsen, J., 583, 584, 585-586
Olsgaard, J. N., 5
Olson, J. E., 107, 113, 114
On Internet 94, 546

Onkvisit, S., 506
Online conferences, 597
Online Journal of Current Clinical Trials, 521, 522, 592, 630
Online journals, 515, 516
Online public access catalogs (OPACs), 411, 413
Online systems, commercial, 571
Onyango, R. A. O., 248
Organizational culture, 170-205
Orlikowski, W. J., 655
Orr, E., 582
Osborne, D., 66
Osburne, C., 674
Ouchi, W. G., 172
Oxford University Press, 552, 554

Page description languages (PDLs), 537
Page image format, 534-535; advantages of, 534; disadvantages of, 535
Palmour, V. E., 330, 334
Parasuraman, A., 330, 344, 498, 507
Parker, E., 261
Parks, D., 221
Parsons, J. L., 48
Pastan, L., 318, 324
Paterno, Joseph, 88
Pates, A., 460
Pathak, S., 567
Paul, M., 327, 346
Pedolsky, A., 337
Peek, R., 545
Perrault, A. H., 5
Perseus Project, 519, 615
Peters, P. E., 405, 406
Peters, T., 66, 242, 246, 344, 394
Pfeffer, J., 171
Pham, A., 264
Philosophical Transactions (Royal Society of London), 607
Phoenix Public Library, 96-97
Pickett, G. M., 502
Pillari, G. D., 500
Pimental, P., 519
Pinchot, E., 66
Pinchot, G., 66
Pinelli, T. E., 717
Pitkin, Gary, 21
Pitts, Roberta, 4
Plagiarism, 583
Platte, S., 438
PMC-MOO, 564
Political processes, 431, 432-434, 441-448
Polley, R., 242
Pope, M. L., 654
Portable Document Format (PDF), 537
Porter, M. E., 170, 241, 242, 243, 254
Postmodern Culture, 521, 546, 548, 552, 554, 555, 559, 560, 562, 563, 564, 577, 588, 597, 598, 624
PostScript, 537
Potter, William, 22, 24, 30, 572-573
Powell, T. W., 256, 276
Powers, Janet E., 293
Preble, J. F., 161, 207, 211
Preprints, 598
Prescott, J. E., 249, 256, 276
Preservation, 517
Price, D. de S., 574-576, 580
Prior, V., 253
PRODIGY (commerical network), 621
Product marketing, 435-441
Project Muse (Johns Hopkins University Press Project), 567, 596, 624, 629
Prusak, L., 490
Psycoloquy, 521, 587, 598, 624, 732
Public Access Computer Systems Review, 521
Publishers, changing roles of, 573-575; commercial, 680-681

Quandt, R. E.., 596, 599
Quarterman, J., 245
Quinn, R. E., 176, 177, 180, 182, 183, 186

Ra, M., 676
Raben, J., 577, 582, 586
Rankin, Virginia, 453-455, 457, 462
Rawlins, G. J. E., 583
Rawlinson, N., 319
Rayward, B., 242
Readings, Bill, 597
Red Sage, 519, 522, 535
Reed, P. W., 335, 336
Reichel, M., 583
Reid, Marion, 27
Reimann, B. C., 172, 174
Reinhardt, A., 530
Renfro, W. L., 363
Resource sharing, 663-678
Rheingold, H., 244, 519
Richman, L. S., 260
Riggs, Donald, 31
RightPages, 522
Riley, P., 179

Risk-taking, 43
Ritchie, A., 337
Roberto, E., 323
Roberts, K. H., 174
Robinson, Charles W., 19, 23, 346, 360, 363, 365, 394
Rochell, C., 300
Rockwell, E. P., 467, 468
Roderer, N. K., 572, 718
Rodger, E. J., 321, 475
Rodgers, D. L., 598
Rodgers, Frank, 21
Roes, H., 535
Rogers, E. M., 245, 390-391
Rogers, S. J., 586
Rohrbaugh, J., 176, 182
Roistacher, R. C., 520, 587, 742
Romney, A. K., 437
Rooks, D., 3, 649
Roosevelt, Franklin D., 611
Rosenbaum, H., 245
Rosenberg, P., 403
Rosenberg, V., 173, 208, 222
Rosenbloom, R. S., 716
Roszak, T., 291, 351-353
Roth, J. P., 519
Roukis, G. S., 272, 276
Rousseau, D. M., 176
Ryan, Vince, 96

Sable, M. H., 272, 277
Safford, H. D., 127
Sager, Donald J., 100
Saker, J., 342
Salancik, G. R., 171
Sammon, W. L., 276
Samuels, A. R., 172, 174
San Francisco, Library Foundation of, 409
San Francisco Public Library, 414, 417
San Francisco State University, J. Paul Leonard Library, 136
Santayana, George, 36, 42
Saracevic, T., 211
Sathe, V., 172, 174
Savage, L., 521, 523
Scanlon, J. J., 650
Schaffner, A. C., 545, 717
Schauder, D., 571, 572, 573, 576, 581, 582, 714, 715, 717,
Schein, E. H., 171, 179, 180
Scheppke, J., 98
Schiffman, L. G., 333
Schiller, N., 672
Schmeling, S. L., 448
Schneider, B., 498, 502
Schoderbek, P. P., 171, 180
Scholarly communication, formal, 525, 597; informal, 525, 597
Scholarly Communications Project, Virginia Polytechnic Institute and State University, 556
Scholarly communities, 592-599
Scholarly journals, roles of, 592-593
Scholarly publishing, 517
Scholarly societies, 680-681
Scholarly Societies Project, 630
Schön, D. A., 174, 453
Schultz, N. O., 255
Schwartz, H., 171
Schwarz, R. J., 520
Scientific American, 587
Scientific communication, 575-576
Seabrook, J., 619
Seaman, D., 520
Seiler, L. H., 577, 582, 586
Sellers, P., 501
Senders, J. W., 520
Seward, L. J., 457
Shackel, B., 521
Shamp, S. A., 577
Sharrow, Marilyn, 30
Shaughnessy, T. W., 6, 28, 321
Shaw, George Bernard, 438
Shaw, J. J., 506
Shaw, Ward, 106
Sheldon, B. E., 36, 37, 38, 40, 41, 45
Shoemaker-Levy comet images (NASA), 629
Shuchman, H. L., 716
Shuman, B. A., 364, 365
Shuter, Janet, 126
Silence, L. W., 5
Sills, D. L., 437
Simms, H. P., Jr., 88
Simon, H. A., 173, 174, 177, 222
Simon, M. J., 5
Slater, M., 159
Smeltzer, L. R., 184
Smircich, L., 171, 179
Smith, Adam, 404
Smith, Barbara, 20
Smith, D. C., 255
Smith, Duncan, 292-293
Smith, G., 342

Society for Technical Communications, 260
Society of Competitive Intelligence Professionals (SCIP), 158, 242, 264, 266, 268, 271, 280
Sociometric techniques, 244
SoftQuad, 632
Solo librarians see Libraries, one-person
Solomon, D. L., 598-599
Solomon, Eric, 4, 136-143
Sondak, N. E., 520
Sonnwald, William B., 97, 98, 100-101, 103
Sormunen, J., 221
Specht, P. H., 184
Special libraries, marketing of, 478-493
Special Libraries Association (SLA), 121, 124-125, 127, 131, 158; Solo *Librarians Caucus, 124-125*
Sperberg-McQueen, C. M., 536, 638
Spitalnic, R., 276
Spitzberg, I. J., Jr., 36
Spreitzer, G. M., 183, 186
Sproull, L., 244
St. Clair, G., 121, 123, 124, 125, 126, *127, 128, 129, 130, 328, 330, 334*
Staff training, 373-376
Stalker, G. M., 246
Stanat, R., 230, 254, 276
Standard Generalized Markup Language (SGML), 522-523, 535-536, 537-538, 539, 541, 627-628, 630-633, 638, 711
Stanford Linear Accelerator Center, 598
Stanley, C. D. D., 160, 161
Stanley, J., 532
State University of New York, Albany, 556
Stedman, M. J., 254, 257, 262, 264
Steele, R. D., 245
Steinberg, D., 361
Steiner, G. A., 380-381
Steinmueller, W. E., 720
Stephen, Timothy, 516, 523, 600
Stern, B. T., 519
Stern, G. J., 480
Stewart, W. L., 27
Stielow, F., 707
Stix, G., 588, 732
STN, 714
Stone, P., 242
Stonham, P., 260
Story, G. A., 522
Storyspace, 622
Strable, E. G., 5-6
Strategic intelligence *see* competitive intelligence
Strategic planning, 328, 329
Strategic thinking, 329-330
Structured text format, 535-537, 541, 628; advantages of, 536; disadvantages of, *536-537*
Stuart, P., 39
Studer, William, 23
Stueart, R. D., 345
Sumerford, Steve, 459-461, 462
Surfaces, 597
Sutton, H., 150, 152, 153, 275
Sweeney, Richard, 3-4, 6-7, 8, 12-13
SWOT analysis, 291, 326, 328, 341-343
Synnott, W. R., 242

Tague, J., 5
Talbot, Richard, 23, 24, 28
TAXACOM, *551, 552, 556*
Taylor, R. S., 208, 212, 222, 247
Taylor, Frederick W., 262
Technology, costs of, 405-406
Teixeira, K., 519
Tenney, H. B., 305
Tenopir, Carol, 516, 524
Teschke. D. A., 496
Tetzeli, R., 241
TeX, 537, 632
Text Encoding Initiative (TEI), 536, 638
Thomas, P. S., 207
Tichy, N. M., 174
Tierney, J., 5
Timothee, Louis, 124
Total quality management (TQM), 7, 20
Totten, Herman, 3, 7
Triangle Research Libraries Network (TRLN), 689-692, *695*
Trudeau, Garry, 615
Trudeau, Pierre Elliot, 366
TULIP, 519, 535, 630, 734
Tuman, Myron, 599, 623
Turock, B. J., 337
Turoff, M., 520-521, 576
Tushman, M. L., 715-716
Tyler, B. B., 180, 181
Tyson, J. C., 653, 654
Tyson, K. W. M., 276

Ulrich, W. L., 171
Ulrich's International Periodicals Directory, 547, 548
Ungson, G. R., 172
Uniform Resource Characteristics (URCs), 639
Uniform Resource Identifiers (URIs), 628, 638
Uniform Resource Locator (URL), 633-634
Uniform Resource Names (URNs), 639
University of California, 670
University of California, Los Angeles/ Council on Library Resources Senior Fellows program, 7, 9, 17
University of California Press, 596-597
University of Illinois, Urbana-Champaign, 568, 629, 670
University of Michigan, 624
University of Nebraska Press, 615
University of Nebraska, Lincoln, 653
University of South Australia, School of Communication and Information Studies, 342, 343
University Microfilms, 611, 615
University presses, 524
Unsworth, J., 521, 584, 587, 597
User satisfaction measures, 76-77
Uttal, B., 504

Valacich, J. S., 247
Van House, N. A., 321, 330, 341, 436
Van Maanen, J., 179
Van Syckle, L. D., 260
Vella, C. M., 150, 151-152, 256, 258, 276
Ventura, A., 248
Ver Meuler, M., 167
Verity, J. W., 296
Vipperman, C., 344
Virgo, J. A. C., 394
Virtual Electronic Library project, 675
Virtual reality, 519
Von Walde, B., 672
Voyager (publishing co.), 615, 616

WAIS, 618
Walch, David, 24
Wallace, Debra, 106
Walter, V. A., 467, 470, 471
Walters, S., 469, 470
Walton, Robert A., 106
Ward, J. J., 187
Warner, A. S., 107, 115
Waterman, R. H., 394
Waters, J., 207
Watson, R. T., 183
Webb, B., 653, 654
Webreck, S. J., 653
Webster, C., 498
WebZ server, 636
Weibel, Stuart, 516, 537
Weick, K. E., 171, 173, 222
Weingand, D. E., 290, 291-292, 299, 300, 301-303, 307, 309, 310, 312, 318, 322, 328, 329, 336, 388, 391, 396-397, 401, 403-404, 407, 452, 454, 474
Weinsoft, J., 127
Weiser, M., 244
Welch, A. J., 468, 473
Westin, A. F., 331
White, D. A., 257
White, H. S., 81, 125-126, 345, 479, 672
Whittington, Richard, 123
Wiener, Y., 172, 174
Wilensky, H. L., 171
Wilkins, A. L., 171, 172
Williams, G. R., 717
Williams, J. F., II, 651
Williams, M. E., 572
Williamson, J., 121, 123, 125, 126, 127, 129, 130
Willis, K., 535, 630
Wilson, L., 576
Wilson, T. D., 172
Wilsonline, 547, 548
Winkler, P. W., 637
Winter, James, 599
Winter, M. F., 154
Winter, Robert, 615
Withers, J., 344
Wolek, F. W., 715, 716
Wong, W. S., 49
Wood, E. J., 465, 466, 468, 469, 472, 473, 474
Woodrum, Pat, 21
Woodsworth, A., 49, 50, 59, 60, 651
Woolley, Benjamin, 620
Work processes, 67-70

World Wide Web (WWW), 529, 541, 567, 618, 621, 627-643
World Futurist Society, 350, 358
Worthington, V., 177
Wreden, N., 253
Wright, J., 328, 333
Wulf, W. A., 579
Wulff, Y. L., 671
Wurman, R. S., 291, 353-356, 365

Xanadu, 360, 612
Xerox PARC, 244

Yale University Press, 615-616
Yin, R. K., 179
Young, Peter R., 106
Young, V. G., 5
Young, V. L., 465, 466, 468, 469, 472, 473, 474

Z. Smith Reynolds Foundation, 461
Zahra, S., 255
Zammuto, R. F., 655
Zeithaml, V. A., 330, 344, 507
Zijlstra, J., 535
Zimmerman, J. W., 207
Zipf, G. K., 173
Zmud, R. W., 208, 212
Zubatsky, D. S., 49